



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	HOMOPOLAR MACHINE WITH IMPROVED BRUSH LIFETIME																																																																																																																																						
<p>Application Number: 10/684090 </p> <p>Confirmation Number: 3030</p> <p>First Named Applicant: ZBIGNIEW PIEC</p> <p>Attorney Docket Number:</p> <p>Search string: (3648088 or 3944865 or 3657580 or 4246507 or 4358699 or 4415635 or 4686405 or 4698540 or 4710665 or 5451825 or 5530309 or 5587618 or 5844345 or 6489700 or 6586858).pn.</p>																																																																																																																																							
<h3>US Patent Documents</h3> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> <table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td>DL</td><td>1</td><td>3648088</td><td>1972-03-07</td><td>WILKIN ET AL.</td><td></td><td>310</td><td>178</td></tr><tr><td>DL</td><td>2</td><td>3944865</td><td>1976-03-16</td><td>JEWITT</td><td></td><td>310</td><td>178</td></tr><tr><td>DL</td><td>3</td><td>3657580</td><td>1972-04-18</td><td>DOYLE</td><td></td><td>310</td><td>52</td></tr><tr><td>DL</td><td>4</td><td>4246507</td><td>1981-01-20</td><td>WELDON ET AL.</td><td></td><td>310</td><td>242</td></tr><tr><td>DL</td><td>5</td><td>4358699</td><td>1982-11-09</td><td>WILSDORF</td><td></td><td>310</td><td>251</td></tr><tr><td>DL</td><td>6</td><td>4415635</td><td>1983-11-15</td><td>WILSDORF ET AL.</td><td></td><td>428</td><td>611</td></tr><tr><td>DL</td><td>7</td><td>4686405</td><td>1987-08-11</td><td>MCKEE</td><td></td><td>310</td><td>178</td></tr><tr><td>DL</td><td>8</td><td>4698540</td><td>1987-10-06</td><td>MCKEE</td><td></td><td>310</td><td>239</td></tr><tr><td>DL</td><td>9</td><td>4710665</td><td>1987-12-01</td><td>KILGORE ET AL.</td><td></td><td>310</td><td>219</td></tr><tr><td>DL</td><td>10</td><td>5451825</td><td>1995-09-19</td><td>STROHM</td><td></td><td>310</td><td>178</td></tr><tr><td>DL</td><td>11</td><td>5530309</td><td>1996-06-25</td><td>WELDON</td><td></td><td>310</td><td>178</td></tr><tr><td>DL</td><td>12</td><td>5587618</td><td>1996-12-24</td><td>HATHAWAY</td><td></td><td>310</td><td>178</td></tr><tr><td>DL</td><td>13</td><td>5844345</td><td>1998-12-01</td><td>HSU</td><td></td><td>310</td><td>178</td></tr><tr><td>DL</td><td>14</td><td>6489700</td><td>2002-12-03</td><td>HEIBERGER ET AL.</td><td>B1</td><td>310</td><td>178</td></tr><tr><td>DL</td><td>15</td><td>6586858</td><td>2003-07-01</td><td>FINKLE</td><td>B1</td><td>310</td><td>233</td></tr></tbody></table>								init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass	DL	1	3648088	1972-03-07	WILKIN ET AL.		310	178	DL	2	3944865	1976-03-16	JEWITT		310	178	DL	3	3657580	1972-04-18	DOYLE		310	52	DL	4	4246507	1981-01-20	WELDON ET AL.		310	242	DL	5	4358699	1982-11-09	WILSDORF		310	251	DL	6	4415635	1983-11-15	WILSDORF ET AL.		428	611	DL	7	4686405	1987-08-11	MCKEE		310	178	DL	8	4698540	1987-10-06	MCKEE		310	239	DL	9	4710665	1987-12-01	KILGORE ET AL.		310	219	DL	10	5451825	1995-09-19	STROHM		310	178	DL	11	5530309	1996-06-25	WELDON		310	178	DL	12	5587618	1996-12-24	HATHAWAY		310	178	DL	13	5844345	1998-12-01	HSU		310	178	DL	14	6489700	2002-12-03	HEIBERGER ET AL.	B1	310	178	DL	15	6586858	2003-07-01	FINKLE	B1	310	233
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass																																																																																																																																
DL	1	3648088	1972-03-07	WILKIN ET AL.		310	178																																																																																																																																
DL	2	3944865	1976-03-16	JEWITT		310	178																																																																																																																																
DL	3	3657580	1972-04-18	DOYLE		310	52																																																																																																																																
DL	4	4246507	1981-01-20	WELDON ET AL.		310	242																																																																																																																																
DL	5	4358699	1982-11-09	WILSDORF		310	251																																																																																																																																
DL	6	4415635	1983-11-15	WILSDORF ET AL.		428	611																																																																																																																																
DL	7	4686405	1987-08-11	MCKEE		310	178																																																																																																																																
DL	8	4698540	1987-10-06	MCKEE		310	239																																																																																																																																
DL	9	4710665	1987-12-01	KILGORE ET AL.		310	219																																																																																																																																
DL	10	5451825	1995-09-19	STROHM		310	178																																																																																																																																
DL	11	5530309	1996-06-25	WELDON		310	178																																																																																																																																
DL	12	5587618	1996-12-24	HATHAWAY		310	178																																																																																																																																
DL	13	5844345	1998-12-01	HSU		310	178																																																																																																																																
DL	14	6489700	2002-12-03	HEIBERGER ET AL.	B1	310	178																																																																																																																																
DL	15	6586858	2003-07-01	FINKLE	B1	310	233																																																																																																																																
Signature	 6/15/04																																																																																																																																						